

ATTACHMENT D
SECRET

type

OUTLINE OF PHASE III REPORT

B-200 SYSTEM

INTRODUCTION

- a. Source information
- b. References to other reports
- c. Misc.

I GENERAL

- a. Type of report
- b. Use of reference books and tube manuals

II SYSTEM OPERATION

- a. Components of System and brief explanation of function
- b. Operator's operational procedure (locking on, etc.)
- c. Kratova tests
- d. Operational factors to include multiple targets, noise, definition, scintillation, range, flexibility
- e. Explanation of detailed block diagram of the System

III RADAR

- a. Limits of Source's knowledge
- b. Explanation of antenna synchronization system
- c. Explanation of PAGC circuits
- d. Radar limitations
- e. Other components of radar

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IV COORDINATES CABINET

- a. Introduction - limits of knowledgeability
- b. Physical description of Cabinet
- c. Explanation of Selector Circuits
- d. Explanation of angle tracking circuits
 - (1) Target limitations
 - (2) Missile limitations
- e. Explanation of range tracking circuits
 - (1) Target limitations
 - (2) Missile limitations

V COMMAND TRANSMITTER

- a. Explanation of circuits

VI COMMAND RECEIVER

- a. Explanation of circuits

VII SIMULATORS FOR TESTING B-200

- a. General use of test equipment - types of simulators used
- b. Explanation of typical simulator used in the Institute

VIII COMPONENT PARTS

- a. Availability
- b. Specific information on designs and any available information on production and markings
- c. Component acceptance testing
- d. Production bottlenecks

IX E C M CONSIDERATIONS

- a. Susceptability of countermeasures
 - (1) Soviet concern
 - (2) German discussions
 - (3) Source's analysis

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X TRENDS IN DEVELOPMENT OF B-200

- a. Work after tests in Crimea
- b. Comments on expected improvements

XI MULTIPLE B-200 INSTALLATIONS

- a. Selection of command frequencies for adjacent sites
- b. Selection of radar frequencies

XII MISCELLANEOUS

- a. Capabilities of Soviet Engineers (B-200)
- b. Conferences
- c. Design changes - implementation
- d. Specialized instruments
- e. Manpower
- f. Power Supplies

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